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(54) TONER FOR ELECTROSTATIC IMAGE

(57)Abstract:

PURPOSE: To form the toner which simultaneously satisfies offset resistance and fixability by specifying the ratio of acid value of a resin having a low acid value I and a resin having a high acid value II to a specific value or above and specifying $\text{II}/[\text{I+II}]$ to the value of specific range.

CONSTITUTION: The ratio of the acid value II of the resin having the higher acid value to the acid value I of the resin having the lower acid value of the resins of the toner consisting of the satd. polyester resins used for developing images as a binder resin component is specified to ≥ 1.5 . The compsn. formed by mixing and using these resins at 100 to 200° C at the ratio at which the $\text{II}/[\text{I+II}]$ attains 0.3 to 0.9 by weight and compounding of a multifunctional cyanate contg. ≥ 2 cyanate in the molecule or cyanate pre polymer and a hardening catalyst of glycidyl group-contg. acrylic resin therewith is used. The toner which simultaneously satisfies the offset resistance and fixability is produced in this way.

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